



SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.	50093/016001	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Serial No.	09/516,061	
				Applicant	Gopalan et al.	
				Filing Date	3/1/00	
				Group	1652	
				IDS Filed	August 24, 2000	
(37 CFR §1.98(b))						
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
CPH	WO 99/11653	11.3.99	PCT	—	—	
CPH	EP0 811688A2	10.12.97	Europe	—	✓	
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
CPH	AE	Altman and Kirsebom, "Ribonuclease P," <i>The RNA World</i> , 2:1155-1184, 1999.				
CPH	AE	Altman et al., "Recent studies of ribonuclease P," <i>FASEB Journal</i> , 7:7-14, 1993.				
CPH	AE	Frank and Pace, "RIBONUCLEASE P: Unity and Diversity in a tRNA Processing Ribozyme," <i>Annu. Rev. Biochem.</i> , 67:153-180, 1998.				
CPH	AE	Gopalan et al., "Analysis of the functional role of conserved residues in the protein subunit of ribonuclease P from <i>Escherichia coli</i> ," <i>J. Mol. Biol.</i> , 267:818-829, 1997.				
CPH	AE	Kirsebom and Altman, "Reaction <i>in vitro</i> of some mutants of Rnase P with wild-type and temperature-sensitive substrates," <i>J. Mol. Biol.</i> , 207:837-840, 1989.				
CPH	AE	Kirsebom and Svard, "The kinetics and specificity of cleavage by Rnase P is mainly dependent on the structure of the amino acid acceptor stem," <i>Nucleic Acids Res.</i> , 20:425-432, 1992.				
CPH	AE	Niranjanakumari et al., "Protein component of the ribozyme ribonuclease P alters substrate recognition by directly contacting precursor tRNA," <i>Proc. Natl. Acad. Sci. USA</i> , 95:15212-15217, 1998.				
CPH	AE	Pace and Brown, "Evolutionary perspective on the structure and function of ribonuclease P, a ribozyme," <i>J. Bacteriol.</i> , 177:1919-1928, 1995.				
CPH	AE	Pascual and Vioque, "Substrate binding and catalysis by ribonuclease P from cyanobacteria and <i>Escherichia coli</i> are affected differently by the 3' terminal CCA in tRNA precursors," <i>Proc. Natl. Acad. Sci. USA</i> , 96:6672-6677, 1999.				
CPH	AE	Peck-Miller and Altman, "Kinetics of the processing of the precursor to 4.5 S RNA, a naturally occurring substrate for Rnase P from <i>Escherichia coli</i> ," <i>J. Mol. Biol.</i> , 221:1-5, 1991.				
CPH	AE	Sakano et al., "Temperature sensitive mutants of <i>Escherichia coli</i> for tRNA synthesis," <i>Nucleic Acids Research</i> , 1:355-371, 1974.				
CPH	AE	Stams et al., "Ribonuclease P protein structure: evolutionary origins in the translational apparatus," <i>Science</i> , 280:752-755, 1998.				
CPH	AE	Thompson et al., "CLUSTAL W: improving the sensitivity of progressive multiple sequence alignment through sequence weighting, position-specific gap penalties and weight matrix choice," <i>Nucleic Acids Research</i> , 22:4673-4680, 1994.				
EXAMINER			DATE CONSIDERED			
CPH			8/18/02			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 C.F.R. §1.98(b))				Serial No. 09/516,061		
				Applicant Venkat Gopalan et al.		
				Filing Date March 1, 2000		
				Group 1652		
				Customer No. 21559		
				IDS Filed September 12, 2001		
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
CP	EP 0 811 688 A2	December 10, 1997	EPO			No
CP	WO 98/18931 A	May 7, 1998	WIPO			No
CP	WO 99/11653	March 11, 1999	WIPO			No
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
CP	Brown, "The Ribonuclease P Database," <i>Nucleic Acids Research</i> 27(1):314 (1999).					
CP	Hansen et al., "Physical Mapping and Nucleotide Sequence of the <i>RNPA</i> Gene that Encodes the Protein Component of Ribonuclease P in <i>Escherichia Coli</i> ," <i>Gene</i> 38:85-93 (1985).					
EXAMINER			DATE CONSIDERED			
CP			4/11/02			
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